

## BRC-14VG-BT BitTorrent Download Router



### Feature

BRC-14VG-BT utilizes Intel (R) IXP network processor and achieves a high-speed WAN to LAN throughput that approaches 100Mbps. In addition to basic functions of a broadband router, the product supports UPnP (Universal Plug and Play) and PPPoE Multi Session. Furthermore, the VPN router provides robust security functions including packet filtering (with various user-definable parameters), SPI and unauthorized access detection.

BRC-14VG-BT support BitTorrent that is peer-assisted digital content delivery platform that enables users to easily publish and download.

### BitTorrent supported


"BRC-14VG-BT" supports BitTorrent for efficient file downloading in narrow/broad band.

BitTorrent is the large file distribution system. One of the assets of this BitTorrent is that downloading will be more efficient and fast as the file become popular and popular.

#### How Good a BitTorrent Router can be

**Using BitTorrent**  
Router can download and save data directly to the connected USB external storage device without computer.

\* Using BitTorrent function requires USB External Hard Disk.



**Standalone downloading without computer**

#### Easy usage

1. Download the ".torrent" file and save it in the computer.
2. Upload the downloaded ".torrent" file to the Router through web interface.
3. Check the available connected USB storage device's disk space.
4. Check the checkbox and click on "OK" to start the downloading task.

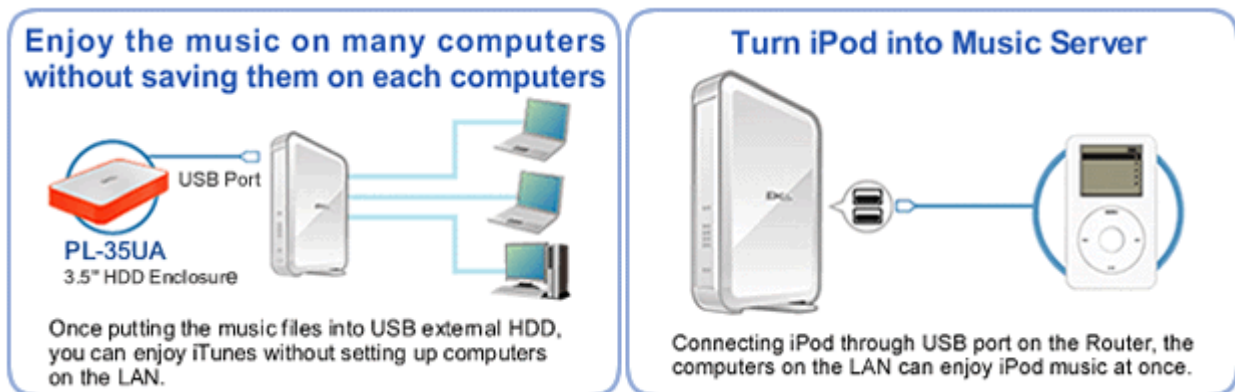
### iTunes Server function supported to share the music

"BRC-14VG-BT" supports iTunes Server function to share the music. ( Please download the iTunes on Apple's Website )

【 iTunes Server benefit 】

- Easy Usage!

- (1) Save the music into the USB connection storage device.
  - (2) Enable the "iTunes Server" function on the configuration page of the router.
  - (3) Using the iTunes on computer will automatically add the music to router's library.
  - (4) Just need to choose the music you like to listen.
- Other computers can also enjoy the music saved in the USB storage device. And removes the need of saving music file to each computer.
  - Connecting the iPod to the USB port of router will immediately enables users to enjoy the music saved in the iPod.



■ **Serves as NAS with additional hard disks**

The VPN router is equipped with two USB 2.0 ports, and supports NAS (Network Attached Storage). The product serves as a network storage when a USB hard disk is attached to it, and files in the hard disk can be shared throughout the network via the router. The product also supports USB flash memory

■ **On-board IXP network processor**

The product is equipped with Intel (R) IXP network processor which achieves unmatched processing speed and low power consumption. The VPN router also provides various functions to support the innovative aspect of the eXgate series products

■ **Built-in 4-port Switch automatically detects cable type**

The router's internal 4-port Switch with 10/100Base auto-detection function serves as an interface to network devices on the LAN side. Since the on-board switch supports Auto-MDI/MDI-X that enables automatic straight/crossover cable type detection, you can attach PC's or cascade hubs to the switch without worrying about the type of the cable you are using.

■ **Achieves high-speed throughput approaching 100Mbps**

As the VPN router utilizes Intel (R) IXP network processor to achieve a wired throughput of 100Mbps (SmartBit) and FTP effective throughput of 94Mbps, it allows you to take full advantage of FTTH and other broadband services.

\* The throughput above is based on the values measured at our testing environment.

■ **Hardware-based fast VPN access**

The VPN router encrypts packets via its VPN gateway. This feature retains data privacy and enables secure communication even when a public data line such as the Internet is used to exchange data between LAN's belonging to separate segments. Its on-board IXP422 network processor enables hardware-based encryption process to achieve a best-in-class IPsec (3DES)

throughput approaching approximately 45Mbps.

■ **Supports UPnP (Universal Plug and Play)**

The product's UPnP (Universal Plug and Play) feature eases configuration tasks that are required to use network applications. The product supports various functions of Windows Messenger (a UPnP-ready application) .

■ **IP unnumbered connection**

The VPN router supports services that offer multiple global IP addresses. The product enables flexible network layout as a global IP can be directly assigned to a LAN side client/terminal.

■ **Robust network security achieved via SPI (Stateful Packet Inspection) Firewall and unauthorized access detection function**

As firewall features, the product is equipped with SPI and unauthorized access detection function. SPI (stateful packet inspection) estimates returning packets and verifies the consistency of packets to determine whether it should pass (or destroy) packets. Furthermore, the VPN router detects unauthorized access from the Internet (WAN) and terminates communication. Detected attacks can be recorded in a log and even be reported via e-mail.

■ **Packet filtering with various user-configurable parameters**

IP address, protocol, port number and direction (IN/OUT) of filtering rules are user-configurable. A highly secure network can be established with the product as this feature allows the VPN router to discard unauthorized packets and excess traffic (packets) and even selectively open ports for communication when establishing a publicly accessible server.

■ **Supports network games, enables publicly accessible servers**

The router's i)Virtual Computer (DMZ host) function for static IP masquerading and ii) Local Server (port forwarding) functions let you establish a publicly accessible server. and play network games that do not support NAT

■ **DHCP enabled**

The product uses its DHCP Server/Client function to automatically 1)obtain an IP address from a DHCP server on the WAN side and 2)allocate an IP address to each PC client attached to its LAN ports.

■ **PPPoE Multi Session (4 simultaneous connections/sessions)**

This feature of the product enables clients to access two or more ISP's concurrently and even connect to an ISP while using another ISP-based online content/service. PPPoE multi session enhances the convenience of your ISP connectivity as it eliminates the need to switch ISP's to establish a separate connection.

▶ **Specification**

<b>Model Number</b>	<b>BRC-14VG-BT</b>
<b>Standards Conformance</b>	USB2.0 (A connector) x 2 ports, supports NAS and web camera
<b>Standards Conformance</b>	LAN side:IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX WAN side:IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX

<b>Data Transfer Rate</b>	10/100Mbps (Auto-Negotiation)
<b>Supported Protocol</b>	TCP/IP
<b>USB Ports</b>	USB2.0 (A connector) x 2 ports, supports USB Printer, NAS and web camera *Web Camera only support PCI BRC-EE260
<b>Configuration Interface</b>	Web browser
<b>Address Translation</b>	NAT/IP masquerading
<b>Log function</b>	Send out Syslog to server , Security Log , System Log , Log mail
<b>Routing Protocol</b>	Static Routing , Dynamic Routing , RIP v1,RIP v2
<b>Firewall</b>	SPI (Stateful Packet Inspection),DoS , Security Log
<b>DHCP Server</b>	Supports up to 253 addresses (LAN side only, can be disabled)
<b>DHCP Client</b>	Acquires an IP address from ISP (WAN port only, can be disabled)
<b>Local Server</b>	Forwards packet to specific PC's on the LAN based on TCP/UDP port
<b>NAPT</b>	2000 session supported
<b>IPv6</b>	Supported
<b>VRRP</b>	Supported
<b>SNMP</b>	Supported
<b>IP Unnumbered</b>	Supported
<b>Packet Filtering</b>	Parameters: Direction (IN/OUT), IP address, protocol, port number
<b>VPN Gateway</b>	PPTP server / PPTP client / IPSec
<b>Power Consumption</b>	8.3W max.
<b>Power</b>	Output: DC5V , 2.4A Input:AC100-120V, 50/60Hz
<b>Operating Temperature</b>	0 ~ 40 °C
<b>Operating Humidity</b>	35 to 80% (non-condensing)
<b>Dimensions</b>	30mm x 200mm x 150mm
<b>Weight</b>	504 g